

From glowbugs@theporch.com Fri Dec 20 10:55:36 1996  
Return-Path: <glowbugs@theporch.com>  
Received: from uro (localhost.theporch.com [127.0.0.1])  
by uro.theporch.com (8.8.4/AUX-3.1.1)  
with SMTP id KAA14595;  
Fri, 20 Dec 1996 10:43:39 -0600 (CST)  
Date: Fri, 20 Dec 1996 10:43:39 -0600 (CST)  
Message-Id: <199612201643.KAA14595@uro.theporch.com>  
Errors-To: ws4s@infoave.net  
Reply-To: glowbugs@theporch.com  
Originator: glowbugs@theporch.com  
Sender: glowbugs@theporch.com  
Precedence: bulk  
From: glowbugs@theporch.com  
To: Multiple recipients of list <glowbugs@theporch.com>  
Subject: GLOWBUGS digest 388  
X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Please send list server requests to listproc@theporch.com  
Status: 0

### GLOWBUGS Digest 388

Topics covered in this issue include:

- 1) Re: Reprints  
by John Kolb <jlkolb@cts.com>
- 2) Re: SW rig needed still!  
by "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>
- 3) Specs on the 8646 tube  
by jeffd@coriolis.com (Jeff Duntemann)
- 4) Re: Reprints  
by John D Young <jdy@whitney.ufl.edu>
- 5) Heath HP-23/C power supply  
by Robert Paschal <r-paschal@worldnet.att.net>
- 6) Re: crystals  
by herr@ridgecrest.ca.us (Michael Herr)
- 7) Re: SW rig needed still!  
by "Brian Carling" <bry@mail1.mnsinc.com>
- 8) Re: Madison Electronics? (was Re:meters)  
by "Brian Carling" <bry@mail1.mnsinc.com>
- 9) Modular regens  
by jkh@lexis-nexis.com (John Heck)
- 10) Re: Modular regens  
by Conard Murray <ws4s@InfoAve.Net>
- 11) Regens  
by "Stephen M. Linscott" <linscot@is.rice.edu>
- 12) new source of tube supplies  
by Stan Skelton <:sskelton@cln.etc.bc.ca>

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Date: Thu, 19 Dec 1996 08:45:43 -0800 (PST)  
From: John Kolb <jlkolb@cts.com>  
To: Wade Huffman <huffman@intellistar.net>  
Subject: Re: Reprints  
Message-ID: <Pine.SC0.3.91.961219084215.1720A-100000@sd.cts.com>

> I am looking for reprint articles from "Ham Radio"  
> magazine.  
> March '72 page 6

I, like at least some others, chop up magazines, and save only articles of interest, filed into different catagories. When posting for articles, it would be useful to post the name or description of the desired article. With an article description, I might be able to find it, or perhaps come up with a related article the requestor wasn't aware of.

John

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Date: Thu, 19 Dec 1996 10:42:09 -0600  
From: "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>  
To: glowbugs@theporch.com  
Subject: Re: SW rig needed still!  
Message-ID: <3.0.32.19961219104205.006c633c@postoffice.worldnet.att.net>

At 03:50 PM 12/19/96 +0000, you wrote:

>Tony--

>

>>Do you a QRP AM transmitter, which will  
>>work PROPERLY in the 49MB???

>

>>From my own experience, I would guess a Clegg 99er or 66er (slightly more  
>powerful) could be made to resonate and load at 49Mhz, designed as they were  
>for 50-54 Mhz. If I had a crystal to multiply to 49Mhz I'd give it a shot  
>into the B&W but I don't think I have such a crystal in the box. The 66er  
>is a fine machine; wish I hadn't sold the one I had years ago. 2E26 final,  
>puts out 8W with a good crystal and everything else in order.

>

>Doubtless people on this list or boatanchors would be the best first place  
>to go to find a radio like that.

>

>Good luck and let us know how you do.

>

>--73--

>

>--Jeff Duntemann

When I first saw this I was wondering why someone would want to transmit in the 49 meter SW broadcast band. He would be covered up by the megawatt SW stations there.

Unless he meant 6955khz which is where the pirates hang out now. I listen there sometimes but would never transmit on that frequency! I'm just not the "pirate broadcaster" type.

My other thought was why 49mhz? Just where does this guy want to transmit & why?

Maybe he meant 50mhz, six meters?

Robert M. Bratcher Jr.

E-mail to:

bratcher@worldnet.att.net

Record collector, 8mm, super 8, 16 and 35mm Film collector.

I like old radio's too.

Collins, Hallicrafters, National & Hammurland are my Favorites!

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Date: Thu, 19 Dec 1996 09:04:43 -0700

From: jeffd@coriolis.com (Jeff Duntemann)

To: glowbugs@theporch.com

Subject: Specs on the 8646 tube

Message-ID: <1.5.4.32.19961219085905.00f9fe3c@ntserver.coriolis.com>

Hi gang--

While hip-deep in junk last night searching for jumbo sockets for Conard, I happened across my "stash" of 8646 power tubes. Got them in a Big Box 0' Tubes for \$20 years ago, and apart from a pencil note on the side of one box that the filament is 24V, I know nothing about the tube. It's a very late era unit, I would guess post 1970 (!) with an integral heat sink. The base looks a little like a Compactron pin arrangement, only it's not the same. (Somebody looked at it and said, "based like an 8821," but I have no idea what an 8821 is.) No center positioning post a la 4CX250.

There were a couple of matching sockets in the box so I could conceivably build something around these tubes. Can anyone provide me with any information on them at all? Type 8646. I don't even have the pinout. It's an RCA tube.

Thanks for any help at all.

--73--

--Jeff Duntemann KG7JF  
Scottsdale, Arizona

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Date: Thu, 19 Dec 1996 11:59:47 -0500 (EST)  
From: John D Young <jdy@whitney.ufl.edu>  
To: Wade Huffman <huffman@intellistar.net>  
Subject: Re: Reprints  
Message-ID: <Pine.LNX.3.91.961219115756.6673A-100000@whitney.ufl.edu>

Wade

My XYL says I'm a packrat but I keep moving my nearly complete set of Ham Radio. I will check and let you know. Send along your Smail address.

73 John WA8KNE

On Thu, 19 Dec 1996, Wade Huffman wrote:

> I am looking for reprint articles from "Ham Radio"  
> magazine.  
> March '72 page 6  
> January '74 page 14 & December '74 page 59  
> Do you know of a source for this info?  
> Thanks  
> Wade Huffman KZ5WH E-mail huffman@intellistar.net  
>

-----  
Date: Thu, 19 Dec 1996 23:51:47 +0000  
From: Robert Paschal <r-paschal@worldnet.att.net>  
To: glowbugs@theporch.com  
Subject: Heath HP-23/C power supply  
Message-ID: <19961219235145.AAA14366@LOCALNAME>

Seasons Greetings to all.

I'm building a Heath HX-1681 CW transmitter. When I acquired the kit the companion HP-23/C power supply had been built and I don't have a schematic for the p/s.

I would appreciate any help in finding a schematic.

I built a HW-101 in the late 70's and it used a similar power supply and I expect that the circuit would be fairly conventional but I always feel more secure in trouble shooting when I have the documentation. A parts list would be nice also.

Thanks,

Bob AA0MC

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Date: Thu, 19 Dec 1996 16:05:32 -0800  
From: herr@ridgecrest.ca.us (Michael Herr)  
To: glowbugs@theporch.com  
Subject: Re: crystals  
Message-ID: <v01530501aedef361e0c@[199.120.150.58]>

>I have a question regarding crystals.  
>Can you use a type HC49U crystal with these tube type rigs ?  
>I am building the 6T9 Xmtr and dont have any FT243's to use.  
>I'm thinking of Installing an HC49U crystal into an old FT243 case so it  
>will look like one and I can use the socket to change bands.  
Sure, no problem, as long as the xtal current isn't too high and shouldn't be in the 6T9er. I did the same thing, wanted a FT243 at the color burst freq, didn't have one so "built one" out of a FT243 case and a small rock I had.  
73  
Mike WA6ARA

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Date: Thu, 19 Dec 1996 20:33:56 +0000  
From: "Brian Carling" <bry@mail1.mnsinc.com>  
To: jeffd@coriolis.com (Jeff Duntemann)  
Subject: Re: SW rig needed still!  
Message-ID: <199612200434.XAA13305@news2.mnsinc.com>

On 19 Dec 96 at 9:50, Jeff Duntemann chatted merrily:

> Tony--  
>  
> >Do you a QRP AM transmitter, which will

> >work PROPERLY in the 49MB???

>

> >From my own experience, I would guess a Clegg 99er or 66er

> >(slightly more

> powerful) could be made to resonate and load at 49Mhz, designed as

Jeff I think you misunderstood!

"49MB" is a shortwave radio term meaning the  
49 meter band. Tony has a SW broadcasting operation out of Ireland!

All the best - Bry

\*\*\*\*\*  
\*\*\* 73 from Radio AF4K / G3XLQ in Gaithersburg, MD USA \*  
\*\* E-mail to: bry@mnsinc.com \*  
\*\*\* See the great ham radio resources at: \*  
\*\* <http://www.mnsinc.com/bry/> \*  
\*\*\*\*\*

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Date: Thu, 19 Dec 1996 20:33:56 +0000  
From: "Brian Carling" <bry@mail1.mnsinc.com>  
To: "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>  
Subject: Re: Madison Electronics? (was Re:meters)  
Message-ID: <199612200434.XAA13327@news2.mnsinc.com>

Yep, I went in that store every once in a while in the early 80s.  
I tried out a KWM-380 there once. VERY smooth sounding radio!

That was a neat store too, and they actually sold PARTS!

What a concept!

On 16 Dec 96 at 20:30, Robert M. Bratcher Jr. chatted merrily:

> At 07:53 PM 12/16/96 +0000, you wrote:  
> >Don Busick, K5AAD, has hundreds of panel meters left over from the  
> >closing of Madison Electronics. Most are NOS (in original boxes),  
> >some are surplus, and some are antiques. Don's address is  
> >  
> > Don Busick  
> > 12310 Zavalla  
> > Houston, TX 77085  
> >  
> >  
> >And no, I don't get a commission! :-)

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> >
> >*****
> >*****
> ***
> >*      Steve Linscott          Divisional Consultant      Natural
> >Sciences
> *
> >*      Rice University      6100 South Main Street      Houston, Texas
> 77005-1892 *
> >*      Phone: (713) 527-4985   FAX: (713) 527-6099   Email:
> >linscot@rice.edu
> *
>
> Madison Electronics? Yeah I remember that place very well. Missed it
> when the place finally closed as so many other Houston customers
> did. No place like it that I know of anymore. Just ham radio swap
> meets now...
>
> Robert M. Bratcher Jr.
> E-mail to:
> bratcher@worldnet.att.net
> Record collector, 8mm, super 8, 16 and 35mm Film collector.
> I like old radio's too.
> Collins, Hallicrafters, National & Hammurland are my Favorites!
>
*****
*** 73 from Radio AF4K / G3XLQ in Gaithersburg, MD USA *
**  E-mail to:  bry@mnsinc.com                               *
*** See the great ham radio resources at:                     *
**  http://www.mnsinc.com/bry/                                *
*****

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Date: Fri, 20 Dec 96 08:52:10 EST  
From: jkh@lexis-nexis.com (John Heck)  
To: glowbugs@theporch.com  
Subject: Modular regens  
Message-ID: <9612201352.AA01907@beans.lexis-nexis.com>

Hi Folks,  
Do any of the more experienced regen builders in the group see any fundamental

problems with using a modular approach to constructing regens? The way I see it, there are many regen designs available to tinker with but all of them have power supplies, which already have been modularized, audio sections, rf amps in some designs, and tuning/detection stages, where most of the serious variations seem to take place. For instance, I have a nice little Knight mono amp for an audio stage, and well filtered power supply. I can see where it would be relatively stright forward to build a simple, untuned RF amp/antenna coupler, any good conver-

ter design would do OK, I guess. I could then plug in any tuner/detector circuit I wanted to play with without having to build the other stuff over and over. Any problems with this approach?

Regards,

John Heck, KC8ETS  
1009 Donson Drive  
Dayton, Ohio 45429  
(513)865-7036(work)  
jkh@lexis-nexis.com

-----  
Date: Fri, 20 Dec 1996 08:47:56 -0500  
From: Conard Murray <ws4s@InfoAve.Net>  
To: jkh@lexis-nexis.com  
Cc: glowbugs@theporch.com  
Subject: Re: Modular regens  
Message-ID: <2.2.32.19961220134756.00702198@infoave.net>

I think John has a great idea here. From what I can see, the original users of regens back around the Great War had modular sets of a sort ... probably not for the same purpose that we want one for, but they look like the individual sections could be lifted out of the cabinets.

He only problem I see with going too modularized is that you can't try two seperate receivers at the same time ... which as I think about it wouldn't work too well with regens anyway!

Happy Holidays all,  
de Conard, WS4S

..-.-.-.-.-  
. Conard Murray WS4S Glowbugs listowner .  
. 217 Dyer Avenue ws4s@infoave.net .  
. Cookeville, TN 38501 615-526-4093 .  
. <>< Wise men still seek Him <>< .  
..-.-.-.-.-

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Date: Fri, 20 Dec 1996 09:06:37 -0600 (CST)



From: "Stephen M. Linscott" <linscot@is.rice.edu>  
To: glowbugs@theporch.com  
Subject: Regens  
Message-ID: <Pine.SUN.3.91.961220082131.19706A-100000@brazos.is.rice.edu>

HERESY ALERT!! The following material contains references to SAND-BASED electronics!!

Yesterday afternoon UPS brought a package from Tennessee, and by 1:30 a.m. this morning I had completed the Ten-Tec Regen kit. What a neat kit! Top-quality components, test-it-as-you-go construction, looks and works great. I played 'til 2 a.m., but had to get up at 6:00, so I'm paying for it today!

Nine bands, pin-diode push-button band switching, RF amp, varactor main and bandspread tuning, plenty of audio to drive the built-in speaker, no drift and no "hand-effect" tuning. It's really a well-designed regen.

I loved building it, but I missed the excitement that was there when I fired up the 833-A regen for the first time! Making a kilowatt transmitting tube receive shortwave signals was a fun project. The 833-A receiver belongs to another ham now, but I kept the memories.

Do you suppose we could persuade Ten-Tec to offer some TUBE kits? :-)

73 de W5EGP

- Steve -

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\* Steve Linscott Divisional Consultant Natural Sciences \*  
\* IS User Services Rice University Houston, Texas \*  
\*\*\*\*\*

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Date: Fri, 20 Dec 1996 08:15:35 -0800 (PST)  
From: Stan Skelton <sskelton@cln.etc.bc.ca>  
To: glowbugs list <glowbugs@theporch.com>  
Subject: new source of tube supplies  
Message-ID: <Pine.SUN.3.95.961220081157.916A-100000@cln>

Hi all...Merry Christmas...a ham in our area is starting up a new store specializing in antique radios and also tube stuff (ham oriented)...maybe someone could repost this to the BA reflector, he has some military stuff

also...

Stan VE7SKT

Western Wireless Company:

112C Van Horne St., "5th Ave. Plaza"

(Box 398 Cranbrook, B.C. V1C 4H9 Canada)

Tel/Fax 250-489-5874

Cliff Blakey

VE7WWC

cblakey@cyberlink.bc.ca

Please visit our "Antique Radio Store"

at:

<http://www.cyberlink.bc.ca/~cblakey/>

Preserving Yesterday's Wireless Heritage.

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End of GLOWBUGS Digest 388

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